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## **Listing of Claims**:

1. (Previously Presented) A medical device, comprising:

an inflatable balloon having a first material and a second material encapsulated by the first material; and

a cutting element carried by the balloon.

- 2. (Original) The device of claim 1, wherein the materials have different distensibility.
- 3. (Original) The device of claim 1, wherein the materials have different distensibility along the longitudinal direction of the balloon.
- 4. (Previously Presented) The device of claim 1, wherein the second material extends along the longitudinal direction of the balloon.
- 5. (Original) The device of claim 1, wherein the cutting element is carried by the balloon over a portion of the balloon having a lower distensibility than another portion of the balloon.
- 6. (Original) The device of claim 1, wherein the balloon is formed with a portion having a distensibility less than about 1 mm along the length of the balloon over a predetermined pressure range.
- 7. (Original) The device of claim 1, wherein the balloon is formed with a portion having a distensibility less than about 0.8 mm along the length of the balloon over a predetermined pressure range.

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8. (Original) The device of claim 1, wherein the balloon is formed with a portion having a distensibility less than about 0.5 mm along the length of the balloon over a predetermined pressure range.

- 9. (Original) The device of claim 1, wherein the balloon is formed with a portion having a distensibility less than about 0.3 mm along the length of the balloon over a predetermined pressure range.
  - 10. (Original) The device of claim 1, wherein the balloon is co-extruded.
- 11. (Original) The device of claim 1, wherein the balloon is formed with a portion having a distensibility less than about 10% along the length of the balloon over a predetermined pressure range.
- 12. (Original) The device of claim 1, wherein the balloon is formed with a portion having a distensibility less than about 7% along the length of the balloon over a predetermined pressure range.
- 13. (Original) The device of claim 1, wherein the balloon is formed with a portion having a distensibility less than about 5% along the length of the balloon over a predetermined pressure range.
  - 14. (Previously Presented) A medical device, comprising: a catheter;

an inflatable balloon carried by the catheter, the balloon formed having a first material and a striped portion encapsulated by the first material, the striped portion having a lower distensibility than the first material of the balloon; and

a cutting element carried by the balloon.

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15. (Original) The medical device of claim 14, wherein the balloon is formed having a plurality of striped portions.

- 16. (Original) The medical device of claim 15, wherein the number of striped portions is greater than the number of cutting elements carried by the balloon.
- 17. (Original) The medical device of claim 15, wherein the striped portions are equally spaced around the circumference of the balloon.
- 18. (Original) The medical device of claim 14, wherein the striped portion extends parallel to the longitudinal axis of the balloon.
- 19. (Withdrawn) The medical device of claim 14, wherein the striped portion extends helically about the longitudinal axis of the balloon.
  - 20. (Original) The device of claim 14, wherein the balloon is formed by co-extrusion.
  - 21. (Original) The device of claim 14, wherein the balloon is a multi-layered balloon.
- 22. (Original) The device of claim 14, wherein the striped portion extends continuously along the length of the balloon.
- 23. (Original) The device of claim 14, wherein the striped portion has a distensibility less than about 1 mm along the length of the balloon over a predetermined pressure range.
- 24. (Original) The device of claim 14, wherein the striped portion has a distensibility less than about 0.8 mm along the length of the balloon over a predetermined pressure range.
- 25. (Original) The device of claim 14, wherein the striped portion has a distensibility less than about 0.5 mm along the length of the balloon over a predetermined pressure range.

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26. (Original) The device of claim 14, wherein the striped portion has a distensibility less than about 0.3 mm along the length of the balloon over a predetermined pressure range.

- 27. (Original) The device of claim 14, wherein the striped portion has a distensibility less than about 10% along the length of the balloon over a predetermined pressure range.
- 28. (Original) The device of claim 14, wherein the striped portion has a distensibility less than about 7% along the length of the balloon over a predetermined pressure range.
- 29. (Original) The device of claim 14, wherein the striped portion has a distensibility less than about 5% along the length of the balloon over a predetermined pressure range.
- 30. (Original) The device of claim 14, wherein the striped portion comprises a liquid crystal polymer.
- 31. (Original) The device of claim 14, wherein the striped portion comprises a colorant.
- 32. (Original) The device of claim 14, wherein the balloon comprises an inorganic additive.
- 33. (Original) The device of claim 14, wherein the striped portion extends over a portion of the length of the balloon.
- 34. (Original) The device of claim 14, wherein the striped portion extends over substantially the entire length of the balloon.
- 35. (Original) The device of claim 14, wherein the cutting element is carried by the balloon over the striped portion.

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36. (Original) The device of claim 35, wherein the cutting element is carried by the balloon centered over the striped portion.

37. (Withdrawn) A method of making a medical device, the method comprising: forming a tube having a striped portion with a lower distensibility than another portion of the tube;

forming an inflatable balloon from the tube; and attaching a cutting element to the balloon.

- 38. (Withdrawn) The method of claim 37, wherein the tube is formed by co-extrusion.
  - 39. (Withdrawn) The method of claim 37, wherein the tube is formed by lamination.
- 40. (Withdrawn) The method of claim 37, comprising attaching the cutting element to the balloon with an adhesive.
- 41. (Withdrawn) The method of claim 37, comprising attaching the cutting element to the balloon over the striped portion.
- 42. (Withdrawn) The method of claim 37, further comprising folding a portion of the balloon over the cutting element.
- 43. (Previously Presented) A medical device, formed by a method comprising: forming a tube having a striped portion encapsulated by a first material, the striped portion having a lower distensibility than the first material of the tube;

forming an inflatable balloon from the tube; and attaching a cutting element to the balloon.

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44. (Withdrawn) An extrusion apparatus, comprising:

a first disc having a first inlet and a first outlet in fluid communication with the first inlet, the first disc configured to permit flow of a first material therethrough; and

a second disc having a second inlet, a second outlet in fluid communication with the second inlet, and a plurality of passageways in fluid communication with the second inlet and the second outlet, the second disc configured to permit flow of a second material different than the first material therethrough,

wherein the first and second discs are configured to form a member having discrete portions of the second material separated by the first material.

- 45. (Withdrawn) The apparatus of claim44, wherein the plurality of passageways is in fluid communication with the first outlet.
- 46. (Withdrawn) The apparatus of claim 44, further comprising a third disc having a third inlet and a third outlet configured to permit flow of the first material therethrough.
- 47. (Withdrawn) The apparatus of claim 44, wherein the second disc is between the first and third discs.
- 48. (Withdrawn) The apparatus of claim 44, wherein the first and second materials comprise a polymer.
- 49. (Withdrawn) The apparatus of claim 44, wherein the apparatus is a disc head extrusion apparatus.
- 50. (Withdrawn) The apparatus of claim 44, wherein the apparatus is configured to be used in the fabrication of a polymer tube having a striped portion.
  - 51. (Withdrawn) A method of extrusion, the method comprising:

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flowing a first material through a first disc having a first inlet and a first outlet in fluid communication with the first inlet;

flowing a second material different than the first material through a second disc having a second inlet, a second outlet in fluid communication with the second inlet, and a plurality of passageways in fluid communication with the second inlet and the second outlet; and forming a member having discrete portions comprising the second material separated by the first material.

- 52. (Withdrawn) The method of claim 51, further comprising flowing the first material through a third disc having a third inlet and a third outlet in fluid communication with the third inlet.
- 53. (Withdrawn) The method of claim 51, further comprising rotating the member about the longitudinal axis of the member.
- 54. (Withdrawn) The method of claim 51, wherein the discrete portions extend along the longitudinal axis of the member.
  - 55. (Withdrawn) The method of claim 51, wherein the member is a polymer tube.
- 56. (Withdrawn) A medical device, comprising:
  an inflatable balloon having portions of different materials,
  wherein at least one portion extends helically about the longitudinal direction of
  the balloon.
- 57. (Withdrawn) The device of claim 55, wherein the materials have different distensibility.

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58. (Withdrawn) The device of claim 55, wherein the balloon comprises two portions of different material, and both portions extend helically about the longitudinal direction of the balloon.

- 59. (Withdrawn) The device of claim 55, at least one portion includes a liquid crystal polymer.
  - 60. (Withdrawn) The device of claim 55, wherein the balloon is co-extruded.
- 61. (Withdrawn) The device of claim 55, wherein at least two portions include a material of the same composition.
- 62. (Withdrawn) A medical device, comprising:
  an inflatable balloon having a discrete portion of material extending helically about the longitudinal direction of the balloon.
- 63. (Withdrawn) The device of claim 62, wherein the discrete portion has a chemical composition different than another portion of the balloon.
- 64. (Withdrawn) The device of claim 62, wherein the discrete portion includes a liquid crystal polymer.
- 65. (Withdrawn) The device of claim 62, wherein the discrete portion has a higher flexural modulus than another portion of the balloon.
- 66. (Withdrawn) The device of claim 62, wherein the balloon has a first portion with a first density of the discrete portion higher than a second density of the discrete portion of a second portion of the balloon.

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67. (Withdrawn) The device of claim 66, wherein the first portion is a tapered portion of the balloon.

- 68. (Withdrawn) The device of claim 66, wherein the first portion is a sleeve portion of the balloon.
- 69. (Withdrawn) A method of making a medical device, the method comprising:
  forming a tube having a discrete portion of material extending helically about the
  longitudinal direction of the tube; and

forming an inflatable balloon from the tube.

- 70. (Withdrawn) The method of claim 69, wherein the tube is formed by co-extrusion.
  - 71. (Withdrawn) The method of claim 69, wherein the tube is formed by lamination.
- 72. (Withdrawn) The method of claim 69, wherein the inflatable balloon is formed by blow molding.
- 73. (Previously Presented) The medical device of claim 1, wherein the cutting element is spaced from the second material.
- 74. (Previously Presented) The medical device of claim 14, wherein the cutting element is spaced from the striped portion.
- 75. (Previously Presented) The medical device of claim 43, wherein the attached cutting element is spaced from the striped portion.
- 76. (Previously Presented) The medical device of claim 1, wherein the second material comprises a polymer.

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77. (Previously Presented) The medical device of claim 14, wherein the striped portion comprises a polymer.

- 78. (Previously Presented) The medical device of claim 43, wherein the striped portion comprises a polymer.
- 79. (Previously Presented) The medical device of claim 1, wherein the second material is encapsulated by the first material when the balloon is inflated.
- 80. (Previously Presented) The medical device of claim 14, wherein the striped portion is encapsulated by the first material when the balloon is inflated.
- 81. (Previously Presented) The medical device of claim 43, wherein the striped portion is encapsulated by the first material when the balloon is inflated.